



Powder coating: Lockers, medical beds and job coater.

Special gunmover set up to maximize
powder penetration in the deep cavities.
ROI achieved in under two years.

Project Overview

What's new at the plant?

System replaces two booths. Color change time was 4 hours and therefore mainly spray to waste.

Is manual touch up required?

Deep small cavities. CM3 doors with movable hinges, so two operators can work from 1 side. HDLV low air volume, makes it easier to coat as you can see during coating what you do.

What was the Biggest challenge?

Maximize the automation and reduce manual touch up - keeping the line speed acceptable.



Specifications:

Year of construction: 2008

Type of components: Lockers & beds

Product height: 2.2m

Product width: 0.9m

Colour change: : 7 mins (8 per day)

Line Speed: 2m/min (max)

Cabin: ColorMax3

Cyclone: Twin

Filters: 20.000m3

Powder Center: Powder Port

Pump type: HDLV

Gun assembly: 5 vertical per side
two fixed (bottom), one on top.

Manual: 2 manual Prodigy

Requirements / features:

- Manual touch up from same side at two platforms, movable wall / door
- Reciprocator in angled position to follow product angle and optimum penetration inside lockers
- Fixed guns for top and bottom